

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph no. 87 with the following amended paragraph:

FIG. 6 shows a flow chart illustrating an AV stream processing method for copy protection according to an embodiment of the present invention. As shown in FIG. 6, an AV stream is input and the input AV stream is temporarily stored in a temporary storage space, in operations 605 and 610, respectively. In operation 615, first copy control information and second copy control information included in the AV stream are extracted and compared with each other. When the first copy control information has a different value from that of the second copy control information (operation 620), the method may proceed to operation 670 to be described in detail with reference to FIGS. 7A and 7B.

Please replace the paragraph no. 88 with the following amended paragraph:

When the values of the first and second copy control information are of the same (operation 620), a corresponding process is executed in operation 625. For example, when the values of the first and second copy control information are 'copy free,' that is, '00,' there is no need to decrypt the AV contents of the AV stream. Thus, the AV stream is directly copied in operation 630. When the values of the first and second copy control information are 'copy free but encrypted,' or 'copy one generation,' that is, '01' or '10,' a decryption key is generated so as to decrypt the AV stream in operation 635. When the values of the first and second copy control information are 'no more copy or copy never,' that is, '11,' it is checked whether the AV stream is currently being played in operation 640. When the AV stream is being played, decryption of the AV stream for copying the AV contents is not performed, in operation 645. When the AV stream is not being played, the decryption key for decryption of the contents is not generated, in

operation 650. In operation 655, a message indicating that the AV stream cannot be decrypted because copying thereof is prohibited, is provided through a displaying means known in the art (not shown) and the processing ends at operation 660.

Replace paragraph 90 with the following:

Referring to FIG. 7A, when values of the first and second copy control information are not the same, it is checked whether the AV stream subject to copying is being played in operation 705. When the AV stream is being played, this means that a decryption key has already been generated, and thus, a decryption process using the decryption key is not performed, in operation 710. When the AV stream is not being played, the decryption key is not generated, in operation 715. In operation 720, a message indicating that the AV stream cannot be decrypted because copying thereof is prohibited, is provided through a displaying means known in the art (not shown) and the method ends at operation 725.

Replace paragraph 91 with the following:

Referring to FIG. 7B, when the values of the first and second copy control information are not identical, it is checked as to which copy control information is established to have a higher priority value, and the copy control information having the higher priority value is set to 'Priority_CCI_info.' According to an aspect, it is checked whether the first copy control information has priority in operation 750, and if so, the first copy control information is set to 'Priority_CCI_info' in operation 754, and if not, the second copy control information is set to 'Priority_CCI_info' in operation ~~754~~ 752.

Replace paragraph 92 with the following:

When a value of the 'Priority_CCI_info' is '00,' (operation 756) that is, 'copy free,' an AV stream is not encrypted and free copying thereof is allowed. In this case, since there is no need to decrypt the AV content of the AV stream, the AV stream is directly copied in operation 758. When the value of the 'Priority_CCI_info' is '01' or '10,' (operation 756) that is, 'copy free but encrypted' or 'copy one generation,' a decryption key is generated to decrypt the AV stream in operation 760. At this time, the value of '10' means that only one time copying is available and copying of the contents is prohibited thereafter, and therefore, the value of the concerned copy control information is changed to '11' after the copying. When the value of 'Priority_CCI_info' is '11,' (operation 756) that is, 'no more copy or copy never,' decryption of the AV content is absolutely prohibited. In this case, it is checked whether the AV stream is currently being played in operation 762. Were the AV stream is being played, this may mean that the decryption key has already been generated, and thus, a decryption process using the decryption key is not performed, in operation 764. When the AV stream is not being played, the decryption key is not generated, in operation 766. In operation 768, a message indicating that the AV stream cannot be decrypted because copying thereof is prohibited is provided through a displaying means known in the art (not shown) and the method ends at operation 770.